

**FORM PTO-1449**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT(S)**

J1011 U.S. PTO  
09/981083  
10/16/01

Atty. Docket No. 003449.0012  
Applicant: Michael A. O'Neill, et al.

U.S. Serial No.: To Be Assigned  
U.S. Filing Date: October 16, 2001  
Group Art Unit: To Be Assigned 1772

For: **FIBER-REINFORCED COMPOSITE STRUCTURE**

**PATENT DOCUMENTS**

<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Inventor</u>	<u>Class/ Subclass</u>
u	3,493,449	2/3/70	Hans D. Krug	156/79
u	4,296,213	10/20/81	Cuscurida, et al.	521/166
u	4,518,778	5/21/85	Cuscurida	544/398
u	4,590,219	5/20/86	Nissen, et al.	521/51
u	4,722,946	2/2/88	Fritz Hostrttler	521/158
u	4,734,230	3/29/88	Rhodes, Jr. et al.	264/46.4
u	4,753,837	6/28/88	Lothar H. Hanusa	428/86
u	4,857,380	8/15/89	Sherwood Kent	428/117
u	4,910,067	3/20/90	Michael A. O'Neill	428/139
u	4,994,502	2/19/91	Markovs, et al.	521/137
u	5,169,574	12/8/92	Leung et al.	264/40.5
u	5,173,226	12/22/92	Cazaillon et al.	264/46.6
u	5,180,617	1/19/93	Takeuchi et al.	428/71
u	5,230,844	7/27/93	Macaire et al.	264/46.7
u	5,306,548	4/26/94	Zabrocki et al.	428/215
u	5,334,450	8/2/94	Zabrocki et al.	428/332

<u>n</u>	5,429,784	4/04/95	Iannazzi et al.	264/126
<u>l</u>	5,433,165	7/18/95	McGuiness et al.	114/357
<u>u</u>	5,476,618	12/19/95	Ito et al.	264/45.4
<u>u</u>	5,526,767	6/18/96	McGuiness et al.	114/357
<u>u</u>	5,588,392	12/31/96	Francis V. Bailey	114/357
<u>u</u>	5,641,439	6/24/97	L. Keith Rogerson	264/46.4
<u>u</u>	5,741,574	4/21/98	Boyce et al.	428/119
<u>u</u>	5,756,406	5/26/98	Rittman et al.	442/117
<u>u</u>	5,824,249	10/20/98	Leitch et al.	264/219
<u>u</u>	5,851,624	12/22/98	Ang et al.	428/68
<u>u</u>	5,853,649	12/29/98	Tisack et al.	264/446
<u>u</u>	5,885,662	3/23/99	John A. Gardner, Jr.	427/426
<u>u</u>	5,908,591	6/1/99	Lewit et al.	264/46.4
<u>u</u>	5,916,672	6/29/99	Reeves et al.	428/319.9
<u>u</u>	5,932,331	8/3/99	Jones et al.	428/218
<u>u</u>	5,972,260	10/26/99	Luciano Manni	264/46.5

Examiner's <u>Initials</u>	British Patent <u>Number</u>	Date	Inventor	Class/ <u>Subclass</u>
<u>h</u>	1,453,258	10/20/76	Konig, et al.	C08L 75/02
<u>u</u>	1,482,213	8/10/77	Carroll, et al.	C08F 283/06
<u>u</u>	4,753,837	6/28/88	Lothar H. Hanusa	428/86

09/481,083

OTHER DOCUMENTS

Examiner's  
Initials

Document

w Herrington, et al., Chapter 2 Basic Chemistry, Flexible Polyurethane Foams, The Dow Chemical Company, 1991

EXAMINER

DATE CONSIDERED

0. Lay 2/21/03

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

.HrtLib1:377622.1 10/16/01

FEB 14 2002

Form PTO-1449  
(modified 2/91)U.S. DEPT OF COMMERCE  
Patent and Trademark OfficeAttorney Docket Number:  
003449.0012Serial No.:  
09/981,083INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

FIBER-REINFORCED  
COMPOSITE STRUCTUREApplicant:  
Michael A. O'Neill et al.Filing date:  
10/16/2001

Group Art Area:

3612 1772

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
✓	4,025,686	5/1977	Zion	—	—	—
	4,327,136	4/1982	Thompson et al.	—	—	—
	4,339,487	7/1982	Mullet	—	—	—
	4,390,581	6/1983	Cogswell et al.	—	—	—
	4,565,723	1/1986	Hirsch	—	—	—
	4,804,425	2/1989	Hoffmann	—	—	—
	4,813,735	3/1989	Avitable	—	—	—
	5,041,318	8/1991	Hulls	—	—	—
	5,275,860	1/1994	D'Luzansky et al.	RECEIVED	—	—
	5,407,575	4/1995	Vinsonhaler	APR 23 2002	10 1700	—
	5,601,680	2/1997	Kuszaj et al.	—	—	—
	5,698,304	12/1997	Brandon et al.	—	—	—
	5,743,586	4/1998	Nett	—	—	—
	5,766,719	6/1998	Rimkus	—	—	—
	5,922,431	7/1999	Funato et al.	—	—	—
	5,857,729	1/1999	Bogard	—	—	—
	5,939,165	8/1999	Oike et al.	—	—	—
	5,945,200	8/1999	Suzuki	—	—	—
	6,004,123	12/1999	Buckley et al.	—	—	—
	6,126,225	10/2000	Griffin	—	—	—
✓	6,068,907	5/2000	Beauregard	—	—	—
✓	6,224,706	5/2001	Matich	—	—	—

## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub-class	Translation

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

Examiner:	D. Thy	Date Considered:	2/21/03
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			